KENTUCKY CAREER PATHWAY/PROGRAM OF STUDY TEMPLATE

Standard 1A - Career Pathway

COLLEGE/UNIVERSITY: Bluegrass Community and Technical College
Eastern Kentucky University

HIGH SCHOOL (S): Central Office School

CLUSTER: Transportation
PATHWAY: Automotive Maintenance and Light Repair Tech.
PROGRAM: Automotive

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES CAREER AND TECHNICAL EDUCATION COURSES			CREDENTIAL CERTIFICATE DIPLOMA DEGREE	SAMPLE OCCUPATIONS
SECONDARY	9	English I	Algebra I	Life Science	Economics			Computer Applications		
	10	English II	Geometry	Earth and Space Science	U.S. History	ADX 120 & 121 Maintenance and Light Repair and Lab Section A ◆				Service Adviser/Writer
	11	English III	Algebra II	Physical Science	World Geography	ADX 120 & 121 Maintenance and Light Repair and Lab Section B ◆				Entry-Level Technician
	12	English IV	4th Math	Health & PE	History and Appreciation of Visual and Performing Arts	ADX 120 & 121 Maintenance and Light Repair and Lab Section C ◆	ADX 120 & 121 Maintenance and Light Repair and Lab Section D ◆	COE 199 Coop ◆	ASE Student Certification - Automotive Maintenance and Light Repair, KOSSA-Transportation	
		Take Compass test - Apply for admission to KCTCS				Student eligible to take ASE exams			*Denotes ONet	

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POSTSECONDARY	Year 13	Writing	Math	Science	Computer Applications	ADX 150 & 151 Engine Repair and Lab ●	ADX 170 & 171 Air Conditioning and Lab ●			
	Year 14	Oral Communication		Humanities	Social Interaction	AUT 130 & 131 Manual Transmissions and Lab ●	AUT 180 & 181 Automatic Transmissions and Lab ●	COE 199 Coop ●	Associate's Degree Auto Tech Diploma	Auto Technician
	Years 15-18	Four years of verifiable work experience - Study for, take and pass ASE exams.								Teacher - Auto Shop Foreman Service Manager
	Year 19	Apply for admission to University - Plan a bachelor's degree program - Complete Kentucky Teacher Internship Program								
	Years 19-	Complete college work toward the bachelor's degree Professional Education Courses (31 hours) At least 6 hours each year to maintain teaching certificate Maintain industry ASE certifications Related/Technical Courses (33 hours) 43 hours must be in 300 or above level courses				Intro to Education	Foundations of CTE	Methods of Teaching		
						Instructional Methods	Evaluation	Human Development		
						Special Education	Student Teaching			
						Digital Electricity	DC and AC	NOCTI Test		
						PC Related	PC Networking	Quality Control		
						Methods and Processes	Hydraulics and Pneumatics	CAD		
						PLCs				Bachelor's Degree

Color Key	
Required Courses	
Recommended Elective Courses	
Other Elective Courses	
Career and Technical Education Courses	
Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)	
(◆=High School to Comm. College) (● =Com. College to 4-Yr Institution) (■ = Opportunity to test out)	
Mandatory Assessments, Advising, and Additional Preparation	

Note: Categories of courses (e.g. Required, Recommended Electives, other Electives and career and Technical Education) apply to both secondary and postsecondary levels.

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